

### **Abstract**

The present invention discloses a method and an apparatus for calculating an optimal Average Picture Level  
5 (APL) in a plasma display of asymmetric cell configuration wherein each red, green and blue cell has asymmetric size and a plasma display using the same.

The method and the apparatus for calculating an APL  
10 apply a first weight to a red data, a second weight to a green data and a third weight to a blue data.